

## CURRICULUM VITAE

**Name:** Zuzana Maceckova  
**Date of birth:** 17.1.1990  
**Place of birth:** Hranice, Czech Republic  
**Nationality:** Czech

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### EDUCATION

2014 - 2018 Ph.D. studies in pediatry at the Faculty of Medicine, Palacky University, Olomouc Czech Republic.  
Topic: High throughput sequencing methods in biomarker identification and validation

2012 - 2014 Studies for Master degree in Molecular and cell biology at the Faculty of Natural Sciences, Palacky University, Olomouc Czech Republic.  
Thesis: " Molecular pathology of Diamond Blackfan anemia."

2012 Bachelor degree in Molecular and cell biology at the Faculty of Natural Sciences, Palacky University, Olomouc Czech Republic.  
Thesis: "Non-profit drugs: The activity of disulfiram-copper complex against a cell line derived from non-small cell lung carcinoma."

### EXPERIENCE IN THE FIELD

26.1. - 28.2.2011 Internship in Institute of Computer-aided Product Development Systems  
Universität Stuttgart  
Universitätsstr. 38,  
D-70569 Stuttgart, Germany  
Description: Development of WGS data analysis software

5.8. - 26.8.2013 Internship in Institute of Inherited Metabolic Disorders  
Ke Karlovu 2  
128 08 Praha 2  
Czech Republic  
Description: Bioinformatic analysis of WGS data

11.2.-17.5.2012 Python programming courses for biologists

Department of Biochemistry  
Faculty of Science  
Šlechtitelů 11  
783 71, Olomouc  
Czech republic

Position: Lector

1.2.-1.6.2010 Internship in Laboratory of Molecular physiology  
Palacky University & Institute of experimental  
Botany ASCR  
Slechtitelu 11  
78371 Olomouc  
Czech Republic  
Description: Physiological experiments on tomato

### **SKILLS**

**Languages:** English - advanced, Russian - intermediate

**Computer (Programming languages):** Python, QT5, Pascal, C, C#, HTML

**Computer (Other):** Windows, Linux, Adobe Photoshop, Rhinoceros, LaTeX

### **OTHER**

2011 International development project in Cameroon  
Organized by: AISEC  
Position: Volunteer  
Work description: leading courses in rural area concerning basic IT,  
sexual responsibility and English lessons